## (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 16 June 2005 (16.06.2005)

## (10) International Publication Number WO 2005/054999 A2

(51) International Patent Classification<sup>7</sup>:

G06F

(21) International Application Number:

PCT/US2004/039620

(22) International Filing Date:

24 November 2004 (24.11.2004)

(25) Filing Language:

**English** 

(26) Publication Language:

English

(30) Priority Data:

60/525,315 26 November 2003 (26.11.2003) US 60/525,778 26 November 2003 (26.11.2003) US

- (71) Applicant (for all designated States except US): E-Z-EM, INC. [US/US]; 1111 Marcus Avenue, Lake Success, NY 11042 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): Robert [US/US]; 9 Northfiled Drive, Fort Salonga, NY 11768 (US). HARTMAN, Steven [US/US]; 42 Wheatfield Lane, Commack, NY 11725 (US). WALDSTEIN, Philip [US/US]; 34 Chadwick court, Monroe, CT 06468 (US).
- (74) Agents: PICHÉ, Jason, O. et al.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEVICE, METHOD, AND COMPUTER PROGRAM PRODUCT FOR DISPENSING MEDIA AS PART OF A MED-ICAL PROCEDURE

(57) Abstract: A device, method, and computer program product for controlling a dispensing device adapted to be capable of dispensing contrast media as part of a medical imaging procedure. The device comprises a controller device, user interface, injector portion, and a storage device such that a user of the device may initialize multiple dispensing functions in the injector portion and user interface via a user input. The method and computer program product for controlling a dispensing device comprises receiving a user input from a user interface and directing the dispensing device to perform multiple dispensing functions, including actuating the injector portion and updating the user interface, in response to a user input.

